

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently Amended) A method of determining an initialization position of a moveable panel on a vehicle that is moved by a motor, comprising the steps of:

(A) determining that the panel is in a closed position;

(B) energizing the motor to urge the panel toward the closed position to reduce any slack associated with a coupling between the motor and the panel; and

(C) determining the initialization position when there is no slack.

2. (Previously Presented) The method of claim 1, including performing step (B) when the motor is operating at a selected torque.

3. (Original) The method of claim 2, wherein the selected torque is an average torque determined when the motor is moving the panel between first and second positions spaced along the travel of the panel from an open position to the closed position.

4-5. (Cancelled)

6. (Original) The method of claim 3, including selecting the first and second positions near the closed position of the panel.

7. (Cancelled)

8. (Currently Amended) The method of claim 1, including providing a sensor that provides an output indicative of the panel position and wherein step ~~(D)~~(C) includes obtaining an output from the sensor when there is no slack.

9-12. (Cancelled)

13. (Previously Presented) The method of claim 1, including determining that there is no slack by determining that the motor operates at a constant torque during step (B).

14. (Cancelled)

15. (Currently Amended) A system for moving a moveable panel, comprising:
- a motor;
 - a coupling that couples the motor to the panel and includes a varying tension between the motor and the panel;
 - a position sensor ~~associated with the coupling~~ that provides an indication of the panel position;
 - an indicator that provides an indication when the panel is in a closed position; and
 - a controller that energizes the motor responsive the closed position indication to urge the panel toward the closed position to reduce any slack between the motor and the panel, the controller obtaining an initialization position indication from the position sensor when there is no slack.
16. (Original) The system of claim 15, wherein the controller obtains the initialization position indication only when the motor is operating at a selected torque level that corresponds to an average torque determined when the motor is moving the panel between first and second positions spaced along the travel of the panel from an open position to the closed position.
- 17-23. (Cancelled)

24. (Currently Amended) A method of initializing a motor that automatically moves a moveable panel on a vehicle between open and closed positions, comprising the steps of:

removing any slack associated with a coupling between the motor and the panel after the panel is in a closed position; and

determining an initialization position when there is no slack.

25. (Currently Amended) The method of claim 24 including energizing the motor ~~that is part of the device and~~ using a selected torque to remove any slack associated with the coupling~~between the device and the panel.~~

26. (Previously Presented) The method of claim 25, including selecting the torque as an average motor torque between selected first and second positions along the movement of the panel from an open position toward the closed position.

27. (Previously Presented) The method of claim 26, including determining whether the panel was obstructed or the motor stalled during the movement between the first and second positions and only determining the average torque if the panel was not obstructed and the motor did not stall.

28. (Currently Amended) The method of claim 24, including determining that a clutch associated with the ~~device~~motor is engaged prior to energizing the motor.

29. (Currently Amended) A system for moving a moveable panel on a vehicle, comprising:

a motor;

a coupling between the motor and the panel; and

a controller that controls the motor to reduce any slack between the motor and the panel after the panel is in a closed position, the controller determining an initialization position when there is no slack between the motor and the panel.

30. (Previously Presented) The system of claim 29, wherein the controller causes the motor to operate at a torque that is an average torque associated with the motor as the panel moves between selected first and second positions along the movement of the panel from an open position toward the closed position.

31. (Previously Presented) The system of claim 30, wherein the controller determines whether the panel was obstructed or the motor stalled during the movement between the first and second positions and only determines the average torque if the panel was not obstructed and the motor did not stall.

32. (Previously Presented) The system of claim 29, including a clutch associated with the motor and wherein the controller determines that the clutch is engaged prior to energizing the motor.